

USDA Offshore Pest Information System

**Focused Protection of Agriculture
and Natural Resources**

Plant Protection and Quarantine

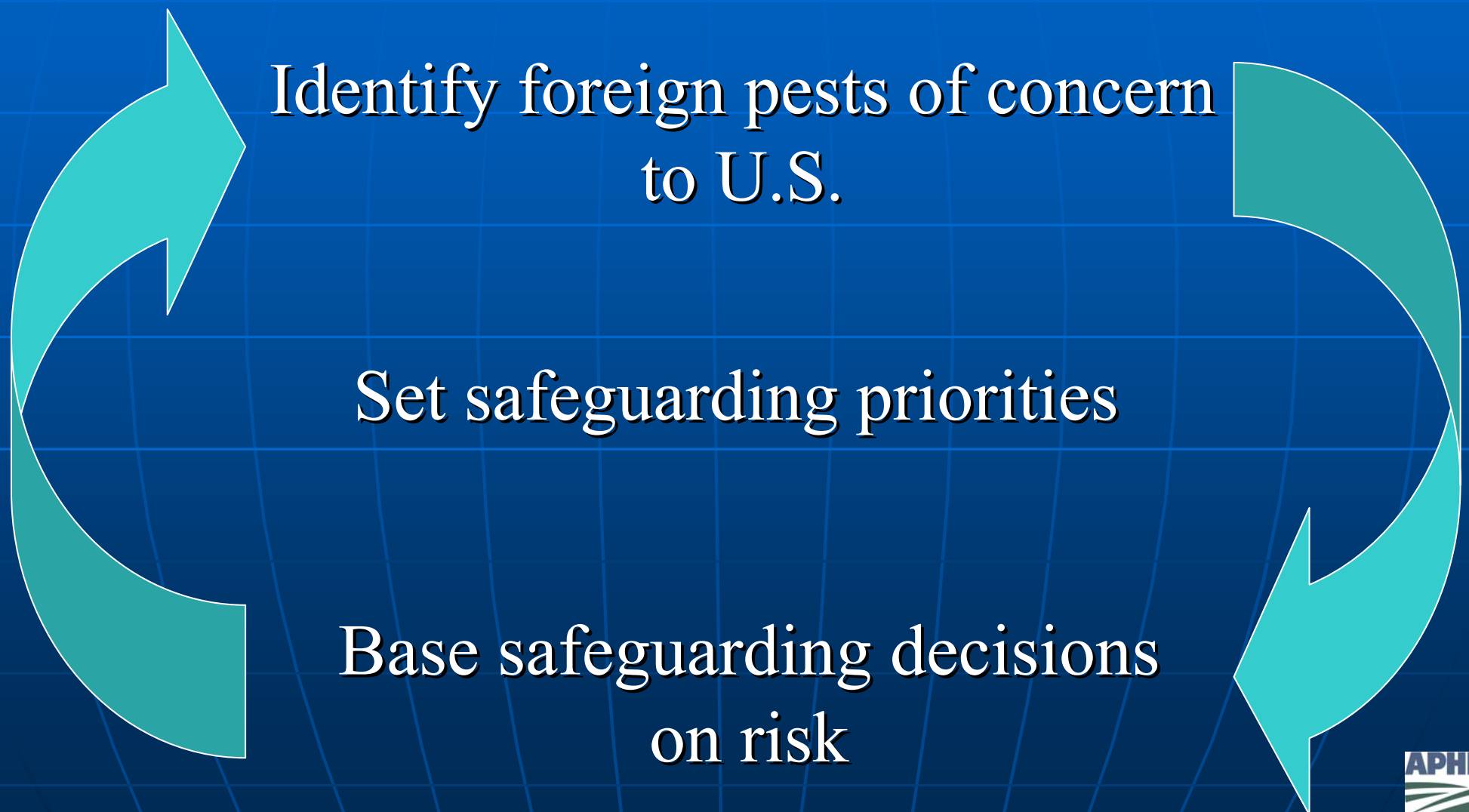
Stakeholder Meeting

Washington DC

December 9-10, 2003



Offshore Pest Information System



OPIIS Pest List Development

- Regulated plant pests (plant)
- Select bioterrorism agents (plant and animal)
- Input from professional scientific societies in U.S. (plant)
- CAPS survey priorities developed from 3-tiered system (plant)
- Agricultural and horticultural industry groups (plant)
- APHIS Veterinary Services Division (animal)

OPIIS Target Pest List

- Identifies exotic pests of greatest concern to the U.S.
- Focuses offshore information gathering efforts.
- International monitoring provides focus to APHIS safeguarding activities.
- List is dynamic
 - Latest available science
 - Current exotic pest status
 - Existing or emerging pest pathways into U.S.

OPIS

Target

Insect Pests

(November, 2003)

110 Total Target Pests:

- 36 insects
- 18 plant pathogens
- 17 nematodes
- 11 weeds
- 6 mollusks
- 1 mite
- 21 animal diseases

CommonName

Spiny blackfly
 Exotic economic fruit flies
 Asian longhorned beetle
 Silver Y moth
 Exotic economic fruit flies
 Mediterranean fruit fly
 Exotic wax scales
 False codling moth
 Plum fruit moth
 Light brown apple moth
 Old world bollworm
 Black maize beetle
 European grape vine moth
 Gypsy moth - Asian strain
 Metamasius weevils
 Euphorbia pit scale
 Exotic mealybugs
 Cottony citrus scale
 Castor thrips
 Egyptian cottonworm
 Mango aphid
 Khapra beetle

Preferred Name

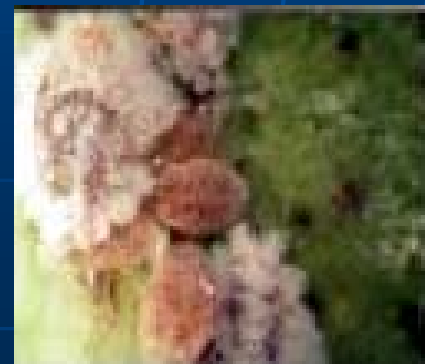
Aleurocanthus spiniferus
 Anastrepha spp. (7)
 Anoplophora glabripennis
 Autographa gamma
 Bactrocera spp. (2)
 Ceratitis capitata
 Ceroplastes spp. (2)
 Cryptophlebia leucotreta
 Cydia funebrana
 Epiphyas postvittana
 Helicoverpa armigera
 Heteronychus arator
 Lobesia botrana
 Lymantria dispar
 Metamasius spp.
 Planchonia stentae
 Planococcus spp. (2)
 Pulvinaria polygonata
 Scirtothrips dorsalis
 Spodoptera littoralis
 Toxoptera odinae
 Trogoderma granarium

Risk Management Options

Monitoring target pest populations/pathways
facilitates risk mitigation

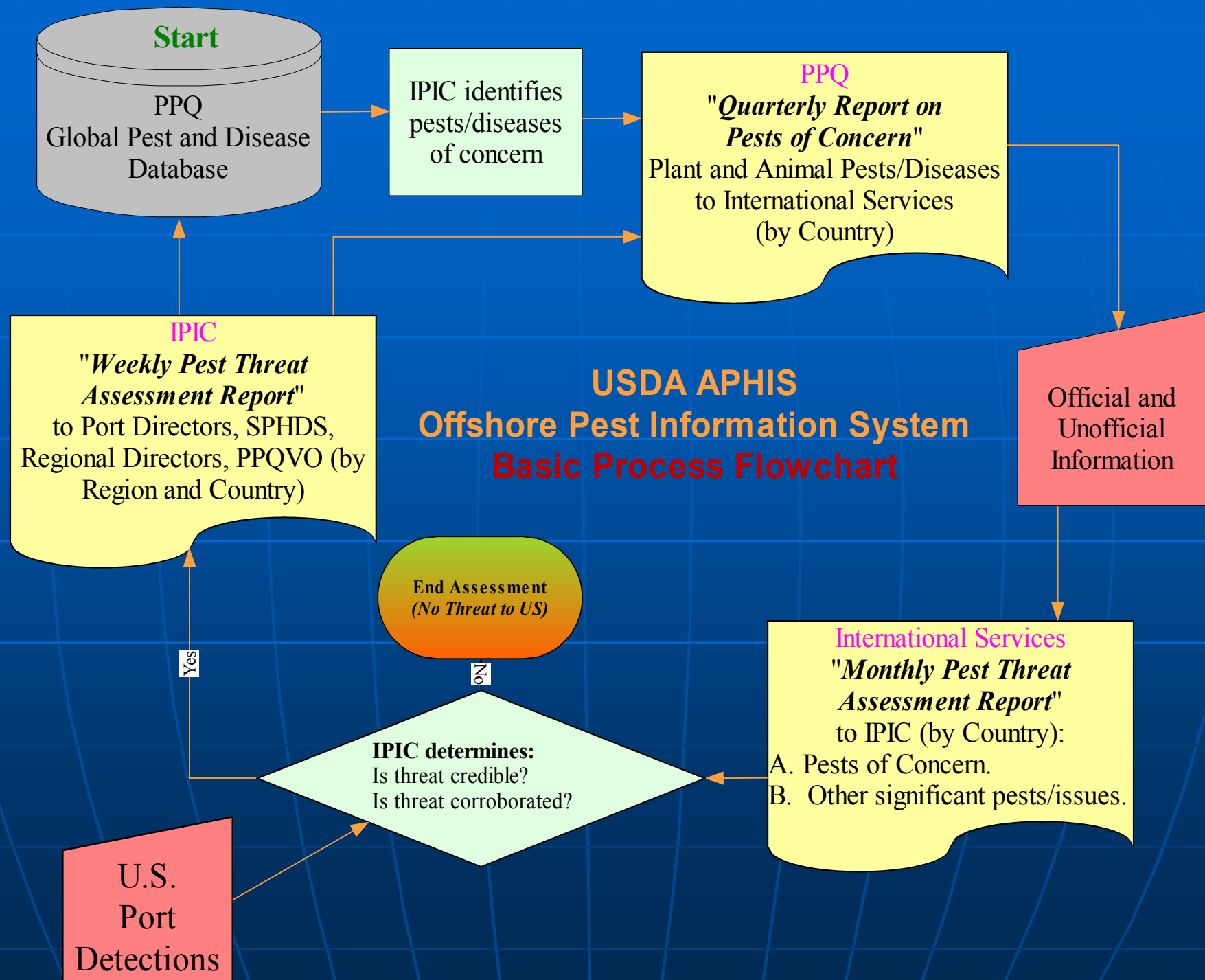
- Application of pest status information to:

- Port-of-entry inspection
- Domestic survey
- Phytosanitary policy
- Offshore mitigation



Web-based Information Management

- Designation of target pests.
- Immediate electronic input of collected information.
- Pest alerts and news.
- Links to pest information through GPDD and other sources:
 - Geographic distribution
 - Host commodities/material
 - Taxonomy and identification
 - Other
- Secure (and possibly some non-secure) information.



Pilot Program

Caribbean



Brazil



South Africa



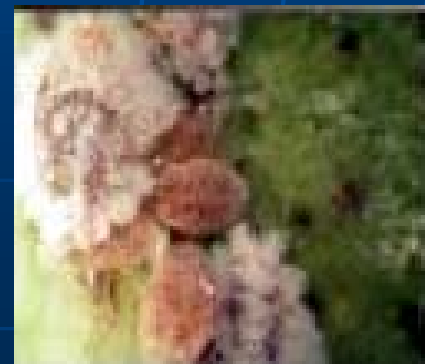
- Safeguarding officer in each of three pilot areas; Winter-Spring of 2003-2004.
- If successful, expand to 51 other countries.
- Pilot countries can monitor influx of new pests from outside their country/ region which could adversely impact their trade with U.S.
- Long term goal – U.S. assist with pest mitigation offshore, *before* pest is exported to U.S.

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- ➔ • Offshore mitigation





APHIS